
1/9/1 (Item 1 from file: 123)

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Status Changes:

REISSUE REQUESTED

Assignee:
MPR Services

Patent	Issue
Number	Date

Patent:
US 5788864

19980804

Reissue Requested:

Request	Request	Recorded	Exam.	Reissue
Number	Date	in OG	Group	Patent No.

09/632812 20000804 20000919 1761

CLAIMS(R)/Current Legal Status (Dialog# File 123): (c) 2001 IFI/CLAIMS. All rights reserved

1/9/2 (Item 1 from file: 345)

13189018

Basic Patent (No,Kind,Date): CA 2212578 AA 19960829

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9649234 A1 19960911

AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN
(English)

Patent Assignee: MPR SERVICES INC

Author (Inventor): COBERLY STEVEN H; LAVEN THOMAS H; CUMMINGS ARTHUR L

Priority (No,Kind,Date): US 394293 A 19950224; WO 96US1955 W
19960215

Applic (No,Kind,Date): AU 9649234 A 19960215

IPC: * B01J-049/00; B01J-041.04

CA Abstract No: * 125(18)215779K

Derwent WPI Acc No: * C 96-402169

Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2212578 AA 19960829

AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN
(English; French)

Patent Assignee: MPR SERVICES INC (US)

Derwent WPI Acc No: * C 96-402169
 Language of Document: English
 Patent (No,Kind,Date): EP 810904 B1 19960215
 AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN
 (English; French; German)
 Patent Assignee: MPR SERVICES INC (US)
 Author (Inventor): COBERLY STEVEN H (US); LAVEN THOMAS H (US);
 CUMMINGS ARTHUR L (US)
 Priority (No,Kind,Date): WO 95US1985 W 19960215; US 894293 A
 19950224
 Applic (No,Kind,Date): EP 8905490 A 19960215
 Designated States: (National) BH; DE; GB; IT; NL
 IPC: * B01C-049/00; B01C-041/04
 CA Abstract No: * 125(18)225779K
 Derwent WPI Acc No: * C 96-402169
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 810904	E	19950224	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 894293 A	19950224
EP 810904	E	19960215	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
			WO 96/01415 W	19960215
EP 810904	E	19960215	EP AE	EP-APPLICATION (EUROPAISCHE ANMELDUNG)
			EP 8905490 A	19960215
EP 810904	E	19971210	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
				BE DE GB IT NL
EP 810904	E	19971210	EP AI	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROFFENTLICHUNG DER ANMELDUNG MIT RESEARCHENBERICHT)
EP 810904	E	19971210	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				470401
EP 810904	E	19980121	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBERICHT)
				471206
EP 810904	E	19980901	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRT BENANNT VERTRAGSSTAATEN)
				BE DE GB IT NL
EP 810904	E	19980901	EP BI	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 810904	E	19981015	EP REF	CORRESPONDS TO: (ENTSPICHT)
			DE 4421094 F	19981015
EP 810904	E	19990415	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5788864 A 19980304
 AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN
 (English)
 Patent Assignee: MPR SERVICES (US)
 Author (Inventor): COBERLY STEVEN H (US); LAVEN THOMAS H (US);
 CUMMINGS ARTHUR L (US)
 Priority (No,Kind,Date): US 890406 A 19961015; US 894293 B1
 19950224
 Applic (No,Kind,Date): US 730438 A 19961015
 National Class: * 210670000; 210693000; 210678000
 IPC: * C02F-001/42
 CA Abstract No: * 125(18)225779K

Legal Status (No, Type, Date, Code, Text):

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US 788864      F      19960214  US AA      PRIORITY
                        US 641243  FI  19450214
US 788864      F      19961015  US AE      APPLICATION DATA (PATENT)
                        APPL. DATA (PATENT)
                        US 651438  A   19961115
US 788864      F      19960504  US A       PATENT
US 788864      F      20000919  US BF      PRIORITY APPLICATION FILED
                        PRIORITY APPL. FILED
                        20000919

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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT NO.

Patent* (No, Kind, Date): WO 96/01017 A1 19960119

AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN AMINE
HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN (English)

Patent Assignee: MPF CHEVROLET INC. (US); COFFMAN STEVEN F. (US); LAVEN THOMAS H. (US); CUMMINGS ARTHUR L. (US)

Author (Inventor): GOREFFLY STEVEN H (US ; LAYEN THOMAS H (US ;
JENNINGS ARTHUR L (US)

Priority (No, Kind, Date): US 744193 A 14950124

App. 13 (No, Kind, Date): W 36US1455 A 19961213

Designated States: (National) AL; AM; AT; AU; AZ; BE; BG; BR; BY;
CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GR; HU;
IE; JP; KE; KG; KP; KR; KZ; LK; LT; LU; LV; MD; MG; MK; MN;
MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR;
TT; UA; US; UZ; VN (Regional) KE; LS; MW; SD; SZ; UG; AT; BE;
CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SF; BG; CF;
CH

Filing Details: WO 198000 With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments

IEC: * B01J-049:00; B01J-041:01

CA Abstract No: * 125(15)125734E; 125(18)125734E

Barwert, WFI Ass No: * 7 36-10209; C 96-41216.

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, FCT WOO

Legal Status (No, Type, Date, Code, Text):

WO 9626007	P	19950114	WO AA	PRIORITY (PATENT)
		1994.06	A	19950114
WO 9626007	P	19960115	WO AF	APPLICATION DATA (APPL. DATA)
		WO 96US1995	A	19960115
WO 9626007	P	19960619	WO AX	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
				DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT
				AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DE DK DF EE EE ES FI FI GB GE HU IS JP KE KG KP KR KZ LK LA LS LT LU LV MD MG MK MN MW ME NO NC NL PT RO RU SD SE SG SI SF SK TC TM TR TT UA UG US UZ VN
WO 9626007	P	19960619	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT
				AT BE CH DE DK ES FR GB GR HU IE IT LU MC NL PT SE SF SI SK TR
WO 9626007	P	19960824	WO AI	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)

WO 9626007	P	19961031	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 18TH MONTH FROM PRIORITY DATE
WO 9626007	P	19961127	WO 121	EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9626007	P	19970807	WO ENF	ENTRY INTO THE NATIONAL PHASE IN: CA 2212578 AA
WO 9626007	P	19980102	DE 8642/R&G	WITHDRAWAL ZURUECKNAHME

Inpadoc/Fam & Legal Stat (Dialog# File 345): (c) 2001 EPO All rights reserved

1/9/3 (Item 1 from file: 670)

00047521

LitAlert Number: P1999-30-60

Record (Document) Type: Patent (Utility)

Patent Title: Amine heat stable salt removal fro type II anion exchange resin

Patent Number (Date): US 5788864 (19980804)

Patent Assignee: MPR Services, Charlotte NC

Inventor: Coberly Steven H, Ft Bend County TX; Laven Thomas H, Galveston Coun

US Class Titles (Codes): Liquid purification - separation (210670000)

Court - Docket Number: Texas, Southern Dist. - H-99-1565

Plaintiff: MPR Services

Defendant: Eco-Tec Limited

Filing Date: 19990521

Action Taken: A complaint was filed.

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